



1998 Status & Condition

Of the Arizona Highway System

- ☐ Average Daily Traffic Volume
- ☐ Percent Commercial Vehicles
- ☐ Bicycle Suitability
- ☐ Functional Classification
- ☐ Levels of Development
- ☐ Levels of Service
- ☐ Present Serviceability Ratings



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Introduction

The 1998 Arizona State Highway System Status and Condition Report is the first effort by the Arizona Department of Transportation's Transportation Planning Group to present information, that is typically used by transportation professionals, in a graphic format to both a professional and lay audience. In the past, reports of this type consisted of numerous tables, with a vast amount of numbers. They also consisted of graphs, charts and a few maps.

The Arizona State highway system route and lane mileages are 6,142 and 15,895 respectively. There are 4,169 bridges on the system. The data that is used to develop various performance measures are collected throughout the year and are stored in individual databases. These databases are integrated in the Highway Performance Monitoring System (HPMS) database. The HPMS database is then incorporated into the ADOT Geographical Information System (GIS).

The GIS is a powerful tool that is used for analysis and mapping. The GIS was used for all the maps in this report with the exception of the Bicycle Suitability Map. Maps of the state highway system following this introduction show the 1996 Annual Average Daily Traffic (AADT) volumes and the percent of commercial vehicles in the traffic stream. Following these maps is the Bicycle Suitability Map and a brief overview of its development

The data to develop the maps for Level of Service (LOS) and Present Serviceability Rating (PSR) was collected in 1996. It is the latest available. The functional classification of the state highway system was updated in 1997, as was the level of development.

As stated above this is the first effort to present this much and kind of information in a graphic format. It is the first of what is planned to be an annual report.